

## ABSTRACT OF THE DISCLOSURE

A head retracting method retracts a head to a retract position which is different from a disk to perform a stable  
5 unload operation when a power supply failure occurs, regardless the position and the velocity of the head. When the power supply failure occurs, controller controls that the head reaches the inner stopper, which is at a predetermined position in an opposite direction from the  
10 ramp, so as to stop at the inner stopper at a predetermined position without receiving impact, regardless what position the head is and regardless what velocity the head is moving. The head is unloaded from the predetermined position by constant voltage driving, so the head contacts the ramp and  
15 climbs onto the ramp at a predetermined velocity.